

## Peak District National Park

Forecast valid from 06:00 on Monday 03 Apr 2023 until 23:59 on Tuesday 04 Apr 2023

Forecast Issued on Monday 03 Apr 2023 at 03:10

**Confidence:** High confidence for settled, drier and sunnier conditions early this week. Turning cloudier with some outbreaks of rain arriving from the west from midweek, although with some uncertainty.

**Headline for Monday 03 Apr 2023:** Fine, dry and sunny day, after a cold and frosty start in places.

### Mountain weather hazards on Monday 03 Apr 2023

**Blizzards**

No Likelihood

**Gales**

No Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Severe chill effect**

Low Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

No Likelihood

**Strong sunlight**

Medium Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                               | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |
| Sunny                                                                               | Sunny                                                                               | Sunny                                                                               | Sunny                                                                               | Clear night                                                                           | Clear night                                                                           |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 00%                                                                                 | 00%                                                                                 | 00%                                                                                 | 00%                                                                                 | 00%                                                                                   | 00%                                                                                   |

### Forecast for Monday 03 Apr 2023

**Weather:** After a cold and frosty start it will be dry with plenty of sunshine throughout the day. Despite the sunshine it will feel chilly on the summits due to the strength of the wind. Staying dry, clear and cold after dark. Windy on the summits.

**Chance of cloud-free hill tops above 600m:** Greater than 90% throughout.

**Low cloud and visibility:** Very good visibility throughout, with excellent views of distant hills. Any cloud bases will be above the summits.

## Forecast for Monday 03 Apr 2023

| Height (m) | Wind Speed mean/gusts (mph) |          |          |          | Wind Direction (blowing from) |          |          |
|------------|-----------------------------|----------|----------|----------|-------------------------------|----------|----------|
|            | 06:00                       | 09:00    | 12:00    | 15:00    | 18:00                         | 21:00    | 00:00    |
| 600        | 14/26 SE                    | 14/20 SE | 12/18 SE | 11/16 SE | 8/13 SE                       | 12/22 SE | 15/20 SE |
| 300        | 7/15 E                      | 10/13 SE | 10/16 SE | 10/15 SE | 6/11 SE                       | 10/20 SE | 10/22 SE |
| Valley     | 9/15 E                      | 9/15 SE  | 9/16 SE  | 9/15 SE  | 5/12 SE                       | 7/18 E   | 8/16 SE  |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                 | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 600             | -0/-6                         | 1/-5  | 4/-0  | 6/2   | 5/2   | 3/-1  | 3/-2  |
| 300             | 1/-2                          | 4/-0  | 7/4   | 8/6   | 8/6   | 5/2   | 3/-1  |
| Valley          | 1/-3                          | 5/2   | 8/6   | 10/8  | 8/7   | 5/3   | 3/-0  |
| Freezing Level* | 200m                          | 400m  | 700m  | 900m  | 1000m | 900m  | 500m  |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

Despite the sunshine it will feel rather cold on the summits due to the strength of the wind and the add wind chill. Therefore, extra layers would be advisable for spending any length of time walking or hiking on the peaks. UV levels will be moderate in the prolonged sunshine, especially during the afternoon so some additional sun protection may be required.

### Recent rainfall: measured at Cat & Fiddle: altitude 511m

| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 02:00 on Mon 03 Apr 2023 | 0mm            | 0mm            | 5.2mm          |

## Forecast for Tuesday 04 Apr 2023

**Weather:** Dry with clear skies overnight, leading to a fairly widespread frost. After a chilly start it will be fine and dry, with plenty of unbroken sunshine throughout the day. However, it will turn cloudier from the west during the evening, mainly mid to high-level cloud, with any sunshine turning increasingly hazy.

**Maximum wind:** South to south-easterly 15-20mph, gusting 25mph at first, becoming south to south-westerly and easing 5-10mph later in the day.

**Chance of cloud-free hill tops above 600m:** 100% throughout.

**Low cloud and visibility:** Very good visibility throughout, with excellent views of distant hills. Any cloud bases will be above the summits, despite cloud increasing late in the day.

**Temperature:** **Valleys:** Zero Celsius, becoming Plus 10 Celsius.

**At 600m:** Minus 1 Celsius, becoming Plus 6 Celsius.

**Freezing level:** Down to 200m at first. Rising above the summits by early afternoon.